

Exhibit R


**UNITED STATES
PATENT AND TRADEMARK OFFICE**
Assignment abstract of title for Application 10017398

Invention title/Inventor METHOD AND APPARATUS FOR ADDRESS ALLOCATION IN GPRS NETWORKS THAT FACILITATES END- TO-END SECURITY Senthil Sengodan	Patent 7443859 Oct 28, 2008	Publication 20030112793 Jun 19, 2003	Application 10017398 Dec 18, 2001	PCT International registration
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Assignments (4 of 4 total)
Assignment 4

Reel/frame 056990/0081	Execution date May 28, 2021	Date recorded Jun 01, 2021	Properties 3899	Pages 190
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Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 3

Reel/frame 052372/0540	Execution date Nov 26, 2019	Date recorded Apr 10, 2020	Properties 53	Pages 22
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Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 2

Reel/frame 035602/0257	Execution date Jan 16, 2015	Date recorded May 10, 2015	Properties 25	Pages 4
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Conveyance

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Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
012400/0759	Dec 18, 2001	Dec 18, 2001	1	4

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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